



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS AERONAUTICAL SYSTEMS CENTER (AFMC)
WRIGHT-PATTERSON AIR FORCE BASE OHIO

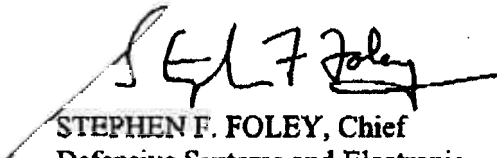
11 February 2005

MEMORANDUM FOR HQ AFMC/LSO LOA (EDWIN CHASE)
4375 CHIDLAW RD
WRIGHT-PATTERSON AFB OH 45433

FROM: ASC/ENAD
2530 Loop Road West
Wright-Patterson AFB OH 45433-7101

SUBJECT: Review of Electromagnetic Interference (EMI) Test Results for the Savi[®]
Radio Frequency Identification Devices (RFID tags)

1. We reviewed the EMC Test Report for Echopoint (Report Number: B20228V1, 5 March 2000), which shows the RFID tags were tested for radiated emissions in accordance with RTCA/DO-160D, Section 21, Category M. This is the commercial requirement equivalent to MIL-STD-461, RE102. All the emissions data for the configurations in which the RFID tags were tested met the RE102 requirement. Based on these test results and other related information you provided, we conclude that the RFID tags should not be a source of interference and should not impact the safety of flight of the host aircraft electrical and electronic equipment.
2. Radiated emissions testing is performed to provide reasonable assurance that equipment will not cause electromagnetic interference problems with existing aircraft equipment. The reports reviewed did not show any testing was performed to evaluate the effects that aircraft equipment may have on the RFID tags.
3. If there are any questions, please contact Mr. Manny Rodriguez, DSN 785-8928 or commercial (937) 255-8928.


STEPHEN F. FOLEY, Chief
Defensive Systems and Electronic
Sensors Branch
Engineering Directorate